**Unit 5b:**

**Objectives: After successful completion of this unit the student will be able to:**

1. **Understand the fundamental principles of electrochemistry. (e.g., electrolytic and voltaic cells, cathodes and anodes.)**
2. **Classify ½ cells reactions and reduction or oxidation.**
3. Electrochemistry
   * 1. Defined
     2. electrolytic cell
     3. voltaic/ galvanic cell
     4. cathodes/ anodes
4. Redox reactions in electrochemical cells
   * 1. Oxidation
     2. Reduction
     3. ½ cell reactions
     4. cell potentials